Amendments to the Specification

Please amend the paragraph beginning at page 1, line 11 with the following amended paragraph.

This application is a continuation in part of application Ser. No. 10/099,602, filed Mar. 14, 2002, now U.S. Patent No. 6,688,311, the entire content of which prior application is incorporated herein by reference.

Please add the following new paragraph after the paragraph beginning at page 16, line 2.

FIG. 3 is a diagram showing electrode placement in a surface electromyographic method.

Please replace the paragraphs beginning at page 22, line 18 and ending at page 23, line 22 with the following amended paragraphs

The first electrode is placed 2 cm above the brow in a vertical line with the pupil. The second electrode is positioned laterally to the first electrode at a 45-degree angle. The inter-mid-electrode distance is 1 cm. The second electrode is placed at a 45-degree angle to be parallel with the frontalis muscle fibers to increase recording accuracy. The 45-degree angle is measured using a protractor. The recording electrodes ~~is trimmed~~ are trimmed for ease of inter electrode spacing. The ground electrodes are placed directly in front of each ear, in the pre-auricular area. Electrode placement is shown by ~~the diagram below~~ FIG. 3.

Surface electromyographic quantification of the frontalis muscle activation is recorded using a Neuroeducator III Surface EMG Processor. The EMG processor has independent isolated channels, each with differential amplifiers to enhance the signal to noise ratio and minimize electrical noise and 50 Hertz (Hz) artifact interference. Muscle (electrical) activity is recorded using a continuous analog integrator, read by the processor at 100 times per second, with a passband of 10-1000 Hz, assuring wideband monitoring without loss of the muscle signal. The recorded sEMG signal is full-wave rectified, and the integrated sEMG recording is displayed on the screen and stored in both graphic and numerical forms.